**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims**

1. (Previously Cancelled)
2. (Previously Cancelled)
3. (Previously Cancelled)
4. (Previously Cancelled)
5. (Previously Cancelled)
6. (Previously Cancelled)

7. (Currently Amended) A computer-implemented method of providing for different arrangements of a plurality of views of a three-dimensional model, the method comprising:

displaying the plurality of views in a graphical user interface (GUI) window in an arrangement representing a computer-aided design first ~~computer-aided design~~ drawing layout;

selecting for inclusion in a computer-aided design second drawing layout at least a first and a second view from the plurality of views in the first drawing layout; and

forming [a] the second drawing layout comprising ~~the~~ at least the first and second selected views [in] from the first drawing layout;

wherein ~~said~~ the second drawing layout is formed by applying a transformation matrix to the first and second views represented in the first drawing layout and relating the views to each other ~~to automatically reposition~~ by repositioning the views ~~for display~~ in the second drawing layout wherein,

~~in the second drawing layout,~~ the first view and the second view in the second drawing layout, are shown in [a] ~~different~~ positions with respect to each other differently than their positions with respect to each other in the first drawing layout; and

wherein the first and second drawing layouts appear in ~~one of~~ the ~~first~~ GUI window ~~or a second GUI window~~.

8. (Previously Presented) A method, according to claim 7, further comprising automatically aligning the first view and the second view as displayed in the second drawing layout in accordance with a conventional drafting standard by snapping at least one of the first view and the second view into a position as prescribed by the conventional drafting standard.

9. (Previously Presented) A method, according to claim 8, wherein aligning the first view and the second view utilizes at least one transformation matrix for at least one of the first view and the second view.

10. (Previously Presented) A method, according to claim 9, wherein the transformation matrix for one of the first view and the second view performs a mapping between relative coordinates and an absolute coordinate system.

11. (Previously Presented) A method, according to claim 7, wherein selecting one of the first view and the second view comprises positioning a cursor on the one of the views being selected and clicking a mouse button.

12. (Previously Cancelled)

13. (Previously Cancelled)

14. (Previously Cancelled)

15. (Previously Cancelled)

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25. (Previously Cancelled)

26. (Previously Cancelled)

27. (Previously Cancelled)

28. (Previously Cancelled)

29. (Currently Amended) A computer-implemented method of rendering different views of a three-dimensional model, the method comprising:

rendering the plurality of views of the three-dimensional model in a graphical user interface window in an arrangement representing a computer-aided design first drawing layout;

selecting for inclusion in a computer-aided design second drawing layout at least a first and a second view from the plurality of views in the first drawing layout in the graphical user interface window; and

~~automatically~~ creating a new drawing layout by using a transformation matrix to reposition the first view and the second view to form a second drawing layout in which the first and second views from the first drawing layout occupy new positions relative to each other so as to maintain simultaneous visibility of the first and second views within a currently displayed area of the graphical user interface window.

30. (Previously Presented) A method, according to claim 29, further comprising hiding unselected views.

31. (Previously Presented) A method, according to claim 29, wherein selecting the first view comprises positioning a cursor over the first view and clicking a mouse button.

32. (Previously Presented) A method, according to claim 29, wherein selecting the first view comprises dragging the first view to the new location and dropping the first view at the new location.

33. (Previously Presented) A method, according to claim 29, wherein selecting the second view comprises dragging the second view to the new location and dropping the second view at the new location.

34. (Previously Presented) A method, according to claim 29, further comprising automatically aligning the first view and the second view in the second drawing layout in accordance with a drafting standard by snapping at least one of the first view and the second view into a position as prescribed by the drafting standard.

35. (Previously Presented) A method, according to claim 34 wherein the drafting standard is one of an ANSI standard and an ISO standard.

36. (Previously Presented) A method, according to claim 8 wherein the drafting standard is one of an ANSI standard and an ISO standard.

37. (Previously Presented) A method, according to claim 7 wherein unselected views are hidden in the second drawing layout.

38. (Previously Presented) The method of claim 7 in which the currently displayed area of the graphical user interface window is not large enough to permit a simultaneous display of the entire rendering of the plurality of views.

39. (Currently Amended) An apparatus comprising:

a computer processing system comprising a processor, an input device, a graphical user interface output device, and a storage device comprising stored instructions configuring the processor to:

render a plurality of views of a three-dimensional model in a graphical user interface (GUI) window in an arrangement representing a ~~first~~ computer-aided design first drawing layout;

based on user input, select a first and a second view from the plurality of views;

~~automatically~~ form a computer-aided design second drawing layout comprising the selected views formed by applying a transformation matrix to the first and second views shown in the GUI window to ~~automatically~~ reposition the views into the second drawing layout, wherein, in the second drawing layout, the first view and the second view are shown in a different positions with respect to each other than in the first drawing layout.

40. (Previously Presented) The apparatus of claim 39 wherein the stored instructions comprise instructions to configure the processor to hide unselected views in the second drawing layout.

41. (Previously Presented) A method, according to claim 39, further comprising automatically aligning the first view and the second view in accordance with a drafting standard by snapping at least one of the first view and the second view into a position as prescribed by the drafting standard.

42. (Previously Presented) A method, according to claim 34 wherein the drafting standard is one of an ANSI standard and an ISO standard.

43. (Currently Amended) A computer-readable data storage medium comprising instructions for causing a computer to:

render a plurality of views of a three-dimensional model in a graphical user interface window in an arrangement representing a ~~first~~ computer-aided design first drawing layout;

based on user input, select a first and a second view from the plurality of views;

~~automatically~~ form a computer-aided design second drawing layout comprising the selected views and formed by applying a transformation matrix to the first and second views shown in the graphical user interface window to ~~automatically~~ reposition the views into the second drawing layout, wherein in the second drawing layout, the first view and the second view are shown in a different positions with respect to each other than in the first drawing layout.

44. (Previously Presented) The data storage medium of claim 43 wherein the stored instructions comprise instructions to configure the processor to hide unselected views in the second drawing layout.

45. (Previously Presented) The data storage medium of claim 43, further comprising automatically aligning the first view and the second view in accordance with a drafting standard by snapping at least one of the first view and the second view into a position as prescribed by the drafting standard.

46. (Previously Presented) A method, according to claim 43 wherein the drafting standard is one of an ANSI standard and an ISO standard.